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DATE: August 3, 2004

PTO IDENTIFIER: Application Number 10/805,224
Patent Number

Inventor: Yu Long et al.

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PAGES (Including Cover Sheet): 5

CONTENTS: Response To Notice To File Corrected Application Papers; and
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Docket No.: 21854-00019-US1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Yu Long et al.

Application No.: 10/805,224

Confirmation No.: 9134

Filed: March 22, 2004

Art Unit: 1711

For: BIODEGRADABLE POLYMER

Examiner: Not Yet Assigned

RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERSCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice to File Corrected Application Papers mailed June 3, 2004,
Applicants submit the attached Abstract.

Applicant believes no fee is due with this response. However, if a fee is due, please
charge our Deposit Account No. 22-0185, under Order No. 21854-00019-US1 from which the
undersigned is authorized to draw.

Dated: August 3, 2004

Respectfully submitted,

By Susan E. C. McBeeSusan E. Shaw McBee, Reg. No. 39,294
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Application No.: 10/805,224

Docket No.: 21854-00019-US1

ABSTRACT OF THE DISCLOSURE

A biodegradable polymer is disclosed having the composition g) from 8 to 80 % by weight of a starch modified to include an hydroxyalkyl C_{2-6} group or modified by reaction with an anhydride of a dicarboxylic acid, preferably hydroxypropylated high amylose starch, a) from 0 to 87.9 % of starch, b) from 4 to 11 % by weight of a water soluble polymer selected from polyvinylacetate, polyvinyl alcohol and copolymers of ethylene and vinylalcohol which have a melting point compatible with the molten state of the starch components, c) from 0 to 20 % by weight of a polyol plasticiser, preferably glycerol, d) from 0.1 to 1.5 % by weight of a C_{12-22} fatty acid or salt, preferably stearic acid and, e) 0 to 12 % added water. The polymers are suitable as biodegradable rigid sheet or flexible film materials for use in packaging foodstuffs.



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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/805,224	03/22/2004	Long Yu	21854-00019-US1

30678
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CONFIRMATION NO. 9134

FORMALITIES LETTER



OC000000012858064

Date Mailed: 06/03/2004

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Filing Date Granted

An application number and filing date have been accorded to this application. The application is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given **TWO MONTHS** from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

The required item(s) identified below must be timely submitted to avoid abandonment:

- An abstract of the technical disclosure not exceeding 150 words in length and commencing on a separate sheet in compliance with 37 CFR 1.72(b) is required. An abstract was not provided for this application.

Replies should be mailed to: Mail Stop Missing Parts
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*A copy of this notice **MUST** be returned with the reply.*

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